

## Plenecon II Extra Flexible Plenum Cable Twisted Pair Overall Shielded

### Description:

- Twisted pair overall shielded
- Two conductors twisted to form a pair
- Polymer alloy insulation
- Flexible plenum jacket
- Standard spool size 1000 feet

### Rating:

- UL or C(UL)+ listed NEC type CMP  
+Canadian UL mark meets Canadian requirements
- Constructed in accordance with UL Standard 444
- Complies with UL 910 Test, Modified ASTM Steiner Tunnel Test
- **Temperature Range:** -10° C to 60° C dry locations

### Applications:

Indoor (nonconduit per NEC) within ducts, plenums and other spaces used for environmental air for:

- Intercom Systems
- Security Systems
- Sound and Audio
- Background Music
- Applications as defined in Article 800 Communications Circuits

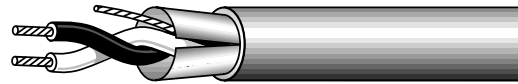
### Color Code:

Conductors: Black, Red  
Jacket: Gray

### Installation Precautions:

- Dry locations only. The electronic characteristics of this cable may change due to excessive tension, crushing, and application of pulling compounds during installation.
- Due to the nature of PVC compounds to become non-pliable when stored or handled in ambient temperatures of 32° F or less, we recommend the following:

**"Prior to installation, condition the cable for at least 24 hours at room temperature to provide the best flex properties for ease of installation".**



### Mechanical Characteristics

Number of Pairs	1
AWG Size	18
Stranding	(7 x 26)
Nom. Insulation Thickness	.010 (.25 mm)
Shield Type % Coverage	100% Aluminum Polyester Tape
Nom. Jacket Thickness	.015 (.38 mm)
Nom. O.D.	.158 (4.01 mm)
Drain Wire Size	20 (7 x 28)

### Electrical Characteristics Nominal

Capacitance @ 1 KHZ	68 pf/ft*
	223 pf/M*
	122 pf/ft**
	400 pf/M**
Conductor DCR (Resistance) @ 20° C	6.6 Ω per 1000 ft.

\*Nominal Capacitance between conductors.

\*\*Nominal Capacitance between one conductor and the other connected to the shield.

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